Determining a Methodology for Measuring Voter Fraud and Intimidation: Recommendations of Political Scientists

The following is a summary of interviews conducted with a number of political scientists and experts in the field as to how one might undertake a comprehensive examination of voter fraud and intimidation. A list of the individuals interviewed and their ideas are available, and all of the individuals welcome any further questions or explanations of their recommended procedures.

1) In analyzing instances of alleged fraud and intimidation, we should look to criminology as a model. In criminology, experts use two sources: the Uniform Crime Reports, which are all reports made to the police, and the Victimization Survey, which asks the general public whether a particular incident has happened to them. After surveying what the most common allegations are, we should conduct a survey of the general public that ask whether they have committed certain acts or been subjected to any incidents of fraud or intimidation. This would require using a very large sample, and we would need to employ the services of an expert in survey data collection. (Stephen Ansolobohere, MIT)

2) Several political scientists with expertise in these types of studies recommended a methodology that includes interviews, focus groups, and a limited survey. In determining who to interview and where the focus groups should be drawn from, they recommend the following procedure:

- Pick a number of places that have historically had many reports of fraud and/or intimidation; from that pool pick 10 that are geographically and demographically diverse, and have had a diversity of problems
- Pick a number of places that have not had many reports of fraud and/or intimidation; from that pool pick 10 places that match the geographic and demographic make-up of the previous ten above (and, if possible, have comparable elections practices)
- Assess the resulting overall reports and impressions resulting from these interviews and focus groups, and examine comparisons and differences among the states and what may give rise to them.

In conducting a survey of elections officials, district attorneys, district election officers, they recommend that:

- The survey sample be large in order to be able to get the necessary subsets
- The survey must include a random set of counties where there have and have not been a large number of allegations

(Allan Lichtman, American University; Thad Hall, University of Utah; Bernard Grofman, UC – Irvine)

3) Another political scientist recommended employing a methodology that relies on qualitative data drawn from in-depth interviews with key critics and experts on all sides of the debate on fraud; quantitative data collected through a survey of state and local elections and law enforcement officials; and case studies. Case studies should focus on the five or ten states, regions or cities where there has been a history of election fraud to examine past and present problems. The survey should be mailed to each state's attorney general and secretary of state, each county district attorney's office and each county board of elections in the 50 states. (Lorraine Minnite, Barnard College)

4) The research should be a two-step process. Using LexisNexis and other research tools, a search should be conducted of news media accounts over the past decade. Second, interviews with a systematic sample of election officials nationwide and in selected states should be conducted. (Chandler Davidson, Rice University)

5) One expert in the field posits that we can never come up with a number that accurately represents either the incidence of fraud or the incidence of voter intimidation. Therefore, the better approach is to do an assessment of what is most likely to happen, what election violations are most likely to be committed – in other words, a risk analysis. This would include an analysis of what it would actually take to commit various acts, e.g. the cost/benefit of each kind of violation. From there we could rank the likely prevalence of each type of activity and examine what measures are or could be effective in combating them. (Wendy Weiser, Brennan Center of New York University)

6) Replicate a study in the United States done abroad by Susan Hyde of the University of California- San Diego examining the impact of impartial poll site observers on the incidence of election fraud. Doing this retrospectively would require the following steps:

- Find out where there were federal observers
- Get precinct level voting information for those places
- Analyze whether there was any difference in election outcomes in those places with and without observers, and whether any of these results seem anomalous.

Despite the tremendous differences in the political landscapes of the countries examined by Hyde in previous studies and the U.S., Hyde believes this study could be effectively replicated in this country by sending observers to a random sample of precincts. Rather than compare the incumbent's vote share, such factors such as voter complaints, voter turnout, number of provisional ballots used, composition of the electorate, as well as any anomalous voting results could be compared between sites with and without monitors.

For example, if intimidation is occurring, and if reputable monitors make intimidation less likely or voters more confident, then turnout should be higher on average in monitored precincts than in unmonitored precincts. If polling station officials are intentionally refusing to issue provisional ballots, and the polling station officials are

more likely to adhere to regulations while being monitored, the average number of provisional ballots should be higher in monitored precincts than in unmonitored precincts. If monitors cause polling station officials to adhere more closely to regulations, then there should be fewer complaints (in general) about monitored than unmonitored precincts (this could also be reversed if monitors made voters more likely to complain).

Again, random assignment controls for all of the other factors that otherwise influence these variables.

One of the downsides of this approach is it does not get at some forms of fraud, e.g. absentee ballot fraud; those would have to be analyzed separately

7) Another political scientist recommends conducting an analysis of vote fraud claims and purging of registration rolls by list matching. Allegations of illegal voting often are based on matching of names and birth dates. Alleged instances of double voting are based on matching the names and birth dates of persons found on voting records. Allegations of ineligible felon (depending on state law), deceased, and of non-citizen voting are based on matching lists of names, birth dates, and sometimes addresses of such people against a voting records. Anyone with basic relational database skills can perform such matching in a matter of minutes.

However, there are a number of pitfalls for the unwary that can lead to grossly over-estimating the number of fraudulent votes, such as missing or ignored middle names and suffixes or matching on missing birth dates. Furthermore, there is a surprising statistical fact that a group of about three hundred people with the same first and last name are almost assured to share the exact same birth date, including year. In a large state, it is not uncommon for hundreds of Robert Smiths (and other common names) to have voted. Thus, allegations of vote fraud or purging of voter registration rolls by list matching almost assuredly will find a large proportion of false positives: people who voted legally or are registered to vote legally.

Statistics can be rigorously applied to determine how many names would be expected to be matched by chance. A simulation approach is best applied here: randomly assign a birth date to an arbitrary number of people and observe how many match within the list or across lists. The simulation is repeated many times to average out the variation due to chance. The results can then be matched back to actual voting records and purge lists, for example, in the hotly contested states of Ohio or Florida, or in states with Election Day registration where there are concerns that easy access to voting permits double voting. This analysis will rigorously identify the magnitude alleged voter fraud, and may very well find instances of alleged fraud that exceed what might have otherwise happened by chance.

This same political scientist also recommends another way to examine the problem: look at statistics on provisional voting: the number cast might provide indications of intimidation (people being challenged at the polls) and the number of those not counted

would be indications of "vote fraud." One could look at those jurisdictions in the Election Day Survey with a disproportionate number of provisional ballots cast and cross reference it with demographics and number of provisional ballots discarded. (Michael McDonald, George Mason University)

8) Spencer Overton, in a forthcoming law review article entitled *Voter Identification*, suggests a methodology that employs three approaches—investigations of voter fraud, random surveys of voters who purported to vote, and an examination of death rolls provide a better understanding of the frequency of fraud. He says all three approaches have strengths and weaknesses, and thus the best studies would employ all three to assess the extent of voter fraud. An excerpt follows:

1. Investigations and Prosecutions of Voter Fraud

Policymakers should develop databases that record all investigations, allegations, charges, trials, convictions, acquittals, and plea bargains regarding voter fraud. Existing studies are incomplete but provide some insight. For example, a statewide survey of each of Ohio's 88 county boards of elections found only four instances of ineligible persons attempting to vote out of a total of 9,078,728 votes cast in the state's 2002 and 2004 general elections. This is a fraud rate of 0.00000045 percent. The Carter-Baker Commission's Report noted that since October 2002, federal officials had charged 89 individuals with casting multiple votes, providing false information about their felon status, buying votes, submitting false voter registration information, and voting improperly as a non-citizen. Examined in the context of the 196,139,871 ballots cast between October 2002 and August 2005, this represents a fraud rate of 0.0000005 percent (note also that not all of the activities charged would have been prevented by a photo identification requirement).

A more comprehensive study should distinguish voter fraud that could be prevented by a photo identification requirement from other types of fraud — such as absentee voting and stuffing ballot boxes — and obtain statistics on the factors that led law enforcement to prosecute fraud. The study would demand significant resources because it would require that researchers interview and pour over the records of local district attorneys and election boards.

Hard data on investigations, allegations, charges, pleas, and prosecutions is important because it quantifies the amount of fraud officials detect. Even if prosecutors vigorously pursue voter fraud, however, the number of fraud cases charged probably does not capture the total amount of voter fraud. Information on official investigations, charges, and prosecutions should be supplemented by surveys of voters and a comparison of voting rolls to death rolls.

2. *Random Surveys of Voters*

Random surveys could give insight about the percentage of votes cast fraudulently. For example, political scientists could contact a statistically representative sampling of 1,000 people who purportedly voted at the polls in the last election, ask them if they actually voted, and confirm the percentage who are valid voters. Researchers should conduct the survey soon after an election to locate as many legitimate voters as possible with fresh memories.

Because many respondents would perceive voting as a social good, some who did not vote might claim that they did, which may underestimate the extent of fraud. A surveyor might mitigate this skew through the framing of the question ("I've got a record that you voted. Is that true?").

Further, some voters will not be located by researchers and others will refuse to talk to researchers. Photo identification proponents might construe these non-respondents as improper registrations that were used to commit voter fraud.

Instead of surveying all voters to determine the amount of fraud, researchers might reduce the margin of error by focusing on a random sampling of voters who signed affidavits in the three states that request photo identification but also allow voters to establish their identity through affidavit—Florida, Louisiana, and South Dakota. In South Dakota, for example, only two percent of voters signed affidavits to establish their identity. If the survey indicates that 95 percent of those who signed affidavits are legitimate voters (and the other 5 percent were shown to be either fraudulent or were non-responsive), this suggests that voter fraud accounts for, at the maximum, 0.1 percent of ballots cast.

The affidavit study, however, is limited to three states, and it is unclear whether this sample is representative of other states (the difficulty may be magnified in Louisiana in the aftermath of Hurricane Katrina's displacement of hundreds of thousands of voters). Further, the affidavit study reveals information about the amount of fraud in a photo identification state with an affidavit exception—more voter fraud may exist in a state that does not request photo identification.

3. Examining Death Rolls

A comparison of death rolls to voting rolls might also provide an estimate of fraud.

Imagine that one million people live in state A, which has no documentary identification requirement. Death records show that 20,000 people passed away in state A in 2003. A cross-referencing of this list to the voter rolls shows that 10,000 of those who died were registered voters, and these names remained on the voter rolls during the November 2004 election. Researchers would look at what percentage of the 10,000 dead-but-registered people who "voted" in the November 2004 election. A researcher should distinguish the votes cast in the name of the dead at the polls from those cast

absentee (which a photo identification requirement would not prevent). This number would be extrapolated to the electorate as a whole.

This methodology also has its strengths and weaknesses. If fraudulent voters target the dead, the study might overestimate the fraud that exists among living voters (although a low incidence of fraud among deceased voters might suggest that fraud among all voters is low). The appearance of fraud also might be inflated by false positives produced by a computer match of different people with the same name. Photo identification advocates would likely assert that the rate of voter fraud could be higher among fictitious names registered, and that the death record survey would not capture that type of fraud because fictitious names registered would not show up in the death records. Nevertheless, this study, combined with the other two, would provide important insight into the magnitude of fraud likely to exist in the absence of a photo identification requirement.